

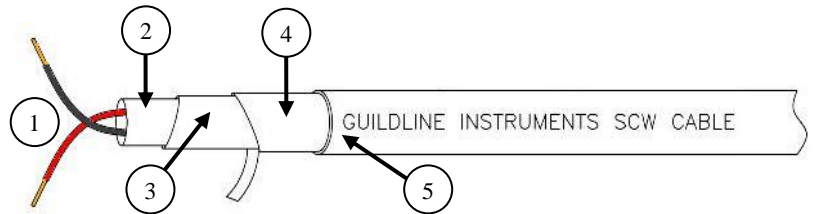


For the best performance in Resistance Measurements, Guildline highly recommends our own custom manufactured SCW Wire and Precision Lead Sets.

Guildline has SCW wire manufactured to our own demanding specifications. This wire provides the best in 2 or 4-wire measurement applications utilizing Direct Current Comparator Bridges, Low Thermal Range Extenders and Precision Resistance Standards.



In looking at a cross section of the SCW Wire, you will find the highest possible build quality of any measurement wire. All Guildline SCW wires consist of a pair of either 18 or 22 Gauge solid copper conductors packaged in a low density polyethylene insulation (color coded) (1), with a clear low density polyethylene inner jacket (2), surrounded by a bare copper braid shield (3) with a (mylar or polyester separator (4), and an oil resistance protective grey PVC outer jacket (5).



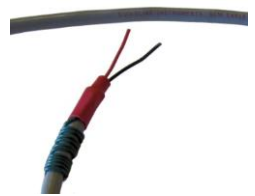
The two diameters available for SCW wire are 22 Gauge (AWG) and 18 Gauge (AWG). Voltage rating for either gauge is 1000 Vdc with current ratings of 0.3 Amps for 22 AWG and 2 Amps for 18 AWG. Guildline's SCW wire has a measured isolation of greater than 500 Tera-Ohms from conductor to conductor and from conductor to shield. The wire has a temperature rating of 0°C to 40°C. The 18 AWG offers the best in strength and durability. This is the wire used in all of our leads sets and in our World Leading 6625A Resistance Measurement System.

The wire is available in both bulk and as lead sets. In bulk, we offer 30 Meter and 100 Meter spools with the wire being un-terminated. Guildline also provides a variety of lead sets using our SCW Wire, either in standard configuration or in customer specified configurations.



In our 6625A Systems, and for many general applications, Guildline recommends our Gold plated banana jacks. We properly terminate the ends to the banana jacks and provide an easy access to the guard/ground connection. We can also provide cabling

markings such as channel number or other information that may be necessary.



You can also simply specify no termination (i.e. bare wire) as shown to the right. This is often requested when the lead is being used in oil or liquid applications.

For more information about Guildline Precision Wire, Lead Sets or any of our other primary level instruments contact Guildline Instruments at:

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